

## EAST Search History

| Ref # | Hits   | Search Query           | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|--------|------------------------|------------------------------------|------------------|---------|------------------|
| L1    | 381353 | "carboxylic acid"      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:36 |
| L2    | 15919  | carboxylate near5 salt | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:36 |
| L3    | 12225  | carboxylate near3 salt | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:36 |
| L4    | 7518   | carboxylate near salt  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:36 |
| L5    | 511589 | "molecular weight"     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:59 |
| L6    | 3083   | "BYK Chemie"           | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:38 |
| L7    | 1      | "Bermawet"             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:38 |
| L8    | 403    | "Efka"                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:59 |
| L9    | 1      | "Efka 5065"            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:38 |
| L10   | 1      | "Efka 5061"            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:38 |
| L11   | 87     | "BYK P104"             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:38 |
| L12   | 87     | "BYK P104S"            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/03/20 09:51 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L13 | 22    | "BYK P105"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:42 |
| L14 | 42    | L11 and methacrylate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:48 |
| L15 | 5     | L11 and methacrylate and casting                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:42 |
| L16 | 45    | L11 not L14  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:51 |
| L17 | 0     | L12 not L11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:51 |
| L18 | 45021 | polycarboxylic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:59 |
| L19 | 8067  | polycarboxylate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 09:59 |
| L20 | 2856  | polycarboxylic and casting and L5                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 10:00 |
| L21 | 382   | polycarboxylic and (casting near3 composition) and L5              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 10:00 |
| L22 | 13    | polycarboxylic and (casting near3 composition) and L5 and settling | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 10:03 |
| L23 | 75    | (polycarboxylic with L5) and (casting near3 composition)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 10:42 |
| L24 | 3     | (polycarboxylate with L5) and (casting near3 composition)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 10:21 |
| L25 | 2529  | "artificial marble"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 12:46 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L26 | 0   | (polycarboxylic with L5) and L25                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:22 |
| L27 | 29  | polycarboxylic and L25                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 12:43 |
| L28 | 938 | "Aerosil R972"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:35 |
| L29 | 113 | "R972 Aerosil "  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:36 |
| L30 | 2   | L29 with size  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:41 |
| L31 | 138 | (polycarboxylic with L5) and settling                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:42 |
| L32 | 16  | (polycarboxylic with L5) and settling and casting      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:43 |
| L33 | 46  | (polycarboxylic with L5) and settling and methacrylate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:51 |
| L34 | 85  | L31 not (L32 or L33)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 10:52 |
| L35 | 24  | L31 not (L32 or L33) and size and distribution         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 11:10 |
| L36 | 57  | methacrylate same (syrup or sirup) and polycarboxylic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 11:23 |
| L37 | 3   | ("6011116").PN.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/03/20 11:23 |
| L38 | 247 | "synthetic marble"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT         | OR | ON  | 2006/03/20 12:42 |

## EAST Search History

|     |      |   |                                    |    |    |                  |
|-----|------|---|------------------------------------|----|----|------------------|
| L39 | 2    | polycarboxylic and L38  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:47 |
| L40 | 2681 | "artificial stone"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:46 |
| L41 | 30   | polycarboxylic and L40  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:50 |
| L42 | 1180 | polycarboxylic and (syrup or sirup)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:50 |
| L43 | 594  | polycarboxylic and (sýrup or sirup) and dispersion                          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:50 |
| L44 | 5    | polycarboxylic and (syrup or sirup) and "dispersion aid"                    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:51 |
| L45 | 195  | polycarboxylic and (syrup or sirup) and "dispersing agent"                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:51 |
| L46 | 0    | polycarboxylic and (syrup or sirup) and "dispersing agent" and countertop   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:51 |
| L47 | 54   | polycarboxylic and (syrup or sirup) and "dispersing agent" and methacrylate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:53 |
| L48 | 42   | polycarboxylic and (syrup or sirup) and settling and methacrylate           | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:54 |
| L49 | 0    | polycarboxylic and Corain   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:54 |
| L50 | 9    | polycarboxylic and Corian   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:56 |
| L51 | 130  | polycarboxylic and thermoformable   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:56 |

## EAST Search History

|     |       |   |                                    |    |    |                  |
|-----|-------|---|------------------------------------|----|----|------------------|
| L52 | 72    | polycarboxylic and thermoformable and methacrylate                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:05 |
| L53 | 4     | polycarboxylic and thermoformable and methacrylate and "mineral filler" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 12:57 |
| L54 | 60407 | artificial.ti,clm.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:22 |
| L55 | 5582  | marble.ti,clm.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:22 |
| L56 | 31048 | stone.ti,clm.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:05 |
| L57 | 1745  | L54 near2 L55   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:06 |
| L58 | 1698  | L54 adj L55   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:06 |
| L59 | 5     | (L54 adj L55) and polycarboxylic  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:07 |
| L60 | 1     | (L54 adj L55) and polycarboxylate                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:16 |
| L61 | 1     | "acrylic syrup" and polycarboxylate                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:16 |
| L62 | 0     | "acrylate syrup" and polycarboxylate                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:16 |
| L63 | 1     | "acrylic sirup" and polycarboxylate                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:17 |
| L64 | 285   | methacrylate and syrup and polycarboxylate                              | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:18 |

## EAST Search History

|     |       |   |                                    |    |    |                  |
|-----|-------|---|------------------------------------|----|----|------------------|
| L65 | 3     | (methacrylate same syrup) and polycarboxylate                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:17 |
| L66 | 2     | methacrylate and syrup and polycarboxylate and countertop         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:18 |
| L67 | 19    | methacrylate and syrup and polycarboxylate and slab               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:18 |
| L68 | 175   | methacrylate and syrup and polycarboxylate and particulate        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:18 |
| L69 | 145   | methacrylate and syrup and polycarboxylate and filler             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:19 |
| L70 | 10    | methacrylate and syrup and polycarboxylate and filler and marble  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:19 |
| L71 | 97    | methacrylate and syrup and polycarboxylate and mineral and filler | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:21 |
| L72 | 48    | L69 not L71   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:21 |
| L73 | 981   | marble.clm.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:28 |
| L74 | 14886 | artificial.clm.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:28 |
| L75 | 45    | L74 adj L73   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:22 |
| L76 | 3     | (L74 adj L73) and polycarboxylic                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:27 |
| L77 | 1     | (L74 adj L73) and polycarboxylate                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/03/20 13:23 |

## EAST Search History

|     |       |                                    |   |    |    |                  |
|-----|-------|------------------------------------|---|----|----|------------------|
| L78 | 3     | (L74 adj L73) and dicarboxylic     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:27 |
| L79 | 0     | (L74 adj L73) and dicarboxylate    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:27 |
| L80 | 0     | (L74 near L73) and dicarboxylate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:27 |
| L81 | 3     | (L74 near L73), and polycarboxylic | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:27 |
| L82 | 4     | (L74 with L73) and polycarboxylic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:27 |
| L83 | 4800  | marble.ti.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:28 |
| L84 | 48800 | artificial.ti.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:28 |
| L85 | 1687  | L84 adj L83                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:28 |
| L86 | 4     | (L84 adj L83) and polycarboxylic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/20 13:28 |